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CLAIMS

1.   A method of distributing the location of a mobile device comprising the steps of:

5   - determining the location of the mobile device

               - encrypting the determined location using an encryption key;

               - transmitting the encrypted location to a server;

               - storing the encrypted location at the server;

               - querying the server from a remote terminal;

10   - transmitting from the server to the remote terminal the encrypted location in response to the query;

               - sharing the predetermined encryption key between the mobile device and the remote terminal but not with the server; and

               - decrypting the location at the remote terminal using the predetermined

15   encryption key.

2.   A mobile device configured to determine its location, encrypt its location using an encryption key, transmit the encrypted location to a server, and share the predetermined encryption key with a remote terminal but not the server.

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3.   A server configured to receive and store an encrypted location which is encrypted with an encryption key and corresponds to a mobile device; and in response to a query from a remote terminal, to transmit to the remote terminal the encrypted location; wherein between receipt and transmission of the

25   encrypted location by the server, the server is not in possession of the encryption key.

4.   A terminal configured to query a remote server for the location of a particular mobile device with which it has shared an encryption key

30   independently of the server; and upon receipt of an encrypted location encrypted with the encryption key, decrypting the location.